

Data Sheet for Examples

1.

The speeds, in nearest miles per hour, of some cars, measured on two city streets are given below.

Street 1:

41 15 4 27 21 32 43 37 18 25 29 34

Street 2:

28 30 25 52 12 36 6 25 17

2.

The number of caravans on Seaview caravan site on each night in August last year is summarised in the following stem and leaf diagram.

Caravans	1 0 means 10	Totals
1	0 5	(2)
2	1 2 4 8	(4)
3	0 3 3 3 4 7 8 8	(8)
4	1 1 3 5 8 8 8 9 9	(9)
5	2 3 6 6 7	(5)
6	2 3 4	(3)

3.

The back-to-back stem-and-leaf diagram below shows the number of hours of television watched per week by each of 15 boys and 15 girls.

Boys		Girls
8 7 7 6 6 4 4 3	0	0 5 5 6 6 7 7 8 8 9
2 2 0	1	0 0 4
6 5 4	2	2 7
5	3	

Key: 4 | 2 | 2 means a boy who watched 24 hours and a girl who watched 22 hours of television per week.

4.

The number of times each week that a factory machine broke down was noted over a period of 50 consecutive weeks. The results are given in the following table.

Number of breakdowns	0	1	2	3	4	5	6
Number of weeks	2	12	14	8	8	4	2

5.

The examination marks obtained by 1200 candidates are illustrated on the cumulative frequency graph, where the data points are joined by a smooth curve.

